

2017 Green Bean Variety Trial

Methods and Procedures

Seven green bean varieties were tested. Each variety was planted in a row about 20 feet long. Seed spacing was 3 inches apart in row. Two plants of each variety were randomly selected within the row. Yield data was recorded on those two plants of each variety throughout the growing season. Harvest and yield data was recorded weekly. The soil was a clay loam with moderate fertility.

Limitations of the Evaluation

Even in a small garden there will be variability in the soil fertility, structure, etc. across the area, which will have a significant impact on the results. Ideally these plots would have been in a randomized complete block design to help control some of the variables. The varieties were planted by row for ease of planting and data collection. Future evaluations should be more randomized.

Results

Cultivar	Total Yield per plant (ounces)	Ave Length (inches)	First Harvest Date	Notes
Jade	14.6	5.5	8-Aug	beans stay slender and are dark green
Blue Lake 47	8.8	4.5	8-Aug	
Blue Lake 274	7	4	8-Aug	
Burpee's Stringless	3	4	8-Aug	
Provider	5.8	4	8-Aug	wide beans
Kentucky Wonder	7	4	14-Aug	
Empress	2	4	14-Aug	poor performance may have been influenced by variability in the soil

